Previous references

1913 .

(Municipal)

File No 333-13

Serial Nos 1 to 20

Later references

Rd 231-16 88 135, 618 May 1915

" 232-16, 16 4, 6, 1916

" 232-16 80 9 Jan 18

GENERAL AND REVENUE SECRETARIAT

Serial Nos 1–18 & 20

Part B for February, 1915

SUBJECT

Nuisance from Tannery Works on the Hosur road

Sr 1 From the Presdt M C C Bangalore Cby No 302 of 15 4 14 forwards a copy of his letter to the Sanitary Comr relating to the subject of an intolerable nuisance arising from the Tannery Works along the Hosur road

Sr 2 From the San Y Com No 4673 of 28 4 14 (C 8305)
Recommends that till satisfactory arrangements are made to render the refuse innocuous the work in the tannery should be stopped & that bed of the stream should be dug out to a depth of a few feet along its entire length up to the 13th tank, so that the incoming rains may effectively wash off the saturated impurities

Sr 3 To Dy Com Bangalore Or No 1103 of 4 5 1914
requesting him to see that very early action is taken by the Bd in the matter.

GRS 58

GPB—4 000—17 11

Sr 4 From the Presdt M C C Blore Cby No. 345 of 26.5 14 (C 9155)
complaining of foul smells from the Tannery works

[illegible] steps may be taken to put up a stop to the nuisance

To Dy Com B'Core Dt No 12736 D/16 6 14
Requests him to send the file of papers relating to the establishment of the tannery & to report the conditions on which permission was granted for the opening of the said tannery

M 6 From the Presdt Mt Bl, B'Core Coby No 36 D/3 8 14 (D 1290)
States that nothing has as yet been done to abate the nuisance & requests that necessary remedial measures may be adopted without loss of time

M 7 From the Presdt, MCBC, B'Core Coby No 49 D/19 8 14 (D 1579)
Forwards a copy of petition from the residents of the Basavanpura & Hebbon complaining against the insanitary smell caused by the nuisance from the tannery & requests that early steps may be taken in the matter

M 8 Letter No 2498 D/7 9 1914 to the Presdt, B'Core Coby, MC & C
States that the subject is engaging the attention of the State P W D and that Ex Engr, reports that the Asst Engr has been instructed to work out the final proposals to abate the nuisance

Memo No 2499 D/7 9.1914
Forwards copy to Ex Engr with a request that the matter may be treated as urgent and effective action taken as early as practicable

Memo No 2500 D/7 9 1914.
Forwards copy to Asst Engr for information

M 9 Letter No 1279 D/the 9th Sept 1914 from the Asst Com in Mysore
Referring to M 8 states that it may take considerable time for adopting measures for abating the nuisance permanently, and that something should be done immediately for the temporary abatement and suggests measures on this direction for immediate adoption

M 10 Letter No 76 D/9th Sept, 1914 From the Presdt, B'Core Coby MC & C
Referring to M. 8, suggests the desirability of the Asst Engr preparing the final proposals for abating the nuisance in consultation with the Coby Mt authorities

M. 10 Letter No 6600 D/22 2 1915 to the Dy Com, B'Core Dt
Informs him of the work sanctioned by Govt for carrying off the effluent from the Tannery & Prohibiting in the interim the Tannery from [illegible] in case they took to the business thereby and requests him to inform the Tannery that they shall not be allowed to drain any effluent unless they have [illegible] for work [illegible]

تلفزيونية للبيع في شارع الجامعة

(مطلوب)

للايجار

٤٢٤-٤٥٦ على ١٥ ابريل

للبيع

مطلوب مساعد لمحل بقالة في شارع الجامعة

مطلوب سكرتيرة للعمل في مكتب محاماة في شارع الجامعة

٢٠٢١ - ٣٠٠ ريال

رقم الهاتف	٥٥٤٢٨٩١
عنوان البريد الإلكتروني	dana.alfaris@mail.com
الموقع الإلكتروني	www.alfaris-trading.com

للإيجار

للبيع أو للإيجار: شقة مفروشة في شارع الجامعة، قريبة من المكتبة العامة ومن مواقف الحافلات، مناسبة لموظفة أو طالبة.

للبيع

للبيع دراجة هوائية للأطفال، مقاس ٢٤ بوصة، بحالة ممتازة، استعملها ابني سنة واحدة فقط، السعر ٤٥٠ ريالاً قابلة للتفاوض.

مطلوب

مطلوب سائق لشاحنة صغيرة لتوصيل الطلبات داخل المدينة، يشترط أن يكون لديه رخصة سارية ومعرفة جيدة بالطرق، الراتب مجزٍ.

G R. S 12]

6121

General and Revenue Secretariat | Md File No. 333 of 1913.

Serial No

This letter 1054 -0- 20 called for in the matter. The receipt of proposals from the Sanitary Commr in the matter may be awaited or the file may be referred unofficially to that Officer for favor of expediting the submission of his proposals

Seen Case of the Lr Secretariat No 6104/14

4) TS61 24/4/14

5) Draft forwarding for the meantime, a Copy of the letter & memo to the Dy Comr, Bangalore, & calling for any early action on the part of the Bd Board

Approved 25/4

6) TS61 27/4/14 Dy Secy

Approved 27/4

7) Approved 28/4/14

8) Approved 28/4

3 9) Dy Comr Bangalore No 1031/84 Requests him to see that necessary action is taken by the Bd & send a

NOTE—Contn sheet

GPB—60 000—7 11 13

[1 R 5 12]

621

General and Revenue Secretariat

File No. 333 of 1913.

Serial No	
2	9) From the Sanitary Court No 4673 d 28 4 14 (D 6305) Recommends that all satisfactory arrangements are made to remedy the defective conditions the Work in the tannery should be at once stopped & that the bends of the stream should be dug out to a depth of a few feet along its entire length up to the 13th mile so that the existing rains may effectually wash off the accumulated impurities
3	10) From Sanitary Court Bangalore dt No. 1103/8 4 5. 14 Requests him to see that very early action is taken by the St Board in the matter
	11) If approved the file may be sent to the Chief Engineer for favour of opinion with regard to the arrangements necessary for preventing the nuisance
	12) Submitted for orders
	TLS 61 4/5/14
	7 5 14
	13) Forwarded unofficially to the Chief Engineer, for favour of opinion
	By order
	7/5/14

JK 7/5/14

No 2579 Dt 8 5. 14

NOTE—Contn sheet

GPR—60 000—7 11 13

G R S 12]

General and Revenue Secretariat

File No. Gl 333 of 1913.

Serial No

Ben Gff No 118/1 w. d. dated the 11th May 1914.

4) A copy of this office communication No. 4746-7 dated the 13th May 1914 to the Superintending Engineer, Southern Circle, on the subject is herewith forwarded for information. On receipt of the estimate, final proposals will be formulated in consultation with the Sanitary Commissioner.

Offg. Chief Engineer of Mysore.

Bangalore,

20th May 1914.

NOTE—Contn sheet.

GPB—60,000—7 11 13

In 333-13

Letter No.4746 dated the 13th May 1914 from the Chief Engineer of Mysore to the Superintending Engineer, Southern Circle.

I have the honour to inform you that I inspected the Tannery and Distillery works at Bangalore this morning with the Deputy Commissioner and the Sanitary Engineer.

2. All the proposals put forward up to date in connection with the removal of the nuisance of the refuse and spent-wash are only palliatives and do not tend to the complete eradication of the evil

3. The most effective remedies seem to consist in the installation of a Filter Press for dealing with the Tannery refuse and a Drier at the Distillery to deal with 8,000 and 60,000 gallons of liquid waste respectively

Mr.Bhore has seen such installations in England and thinks that their adoption will for ever do away with this complaint.

4. The Filter Press is expected to cost about £ 100 and the Drier about Rs 25,000.

The question may be considered in all its details and estimates for the installations sent up.

Of course, the Filter Press has to be put up and worked by the Tannery Company and the Drier by Government

5. You are requested to obtain detailed estimates for the same and forward them at a very early date for the sanction

of

Wl 333-13

of Government.

No.4747 dated Bangalore 13th May 1914.

Copy of the foregoing is forwarded with compliments to the Deputy Commissioner, Bangalore District, for information.

(Sd) K.Krishnaiengar,
Offg Chief Engineer of Mysore.

General and Revenue Secretariat

File No. Jud 333 of 1913.

Serial No

15) The question of closing the mines is engaging consideration of Govt

16) The proposal now forwarded appears to be

(i) stoppage of the tannery works till effective arrangements are made

(ii) the digging of the pit deeper so that the mines may wash off the saltpetre impurities

Ds 61
20/5/14

17 Also a case against [illegible] in which the tannery has been allowed to work are not known further action will have to be taken under sec 133 of the Code of Criminal Procedure

18 With regard to the [illegible] Commissioner during the Deputy Court may be consulted

19 Orders for orders (with draft)

Ds 61
20/5/14
B.C.

20) From enforcement and closing action cf. No. 345 dated 14 (D 7015) Complaints of foul smells from the tannery works to request that early steps may be taken to put up a stop to the nuisance

NOTE—Contn sheet

G R S 12]

General and Revenue Secretariat

File No. Jud 333 of 1913.

Serial No

21. The factory is anxious that the Government & the Board should come yet to make up their minds as to the only remedy appears to be an addressing the Magistrate

22 Submitted for orders

Tesl

Yours 23 There is no provision of Bangalore Police Law under which Rules can be framed with the Tannery and its working The Bye-laws of the Bangalore Dt Board have been drafted & published in the Gazette just 2 weeks ago, and they can be considered passed and enforced only after the date mentioned in the notice

(1) Vide page 8 para 21 of the above

(2) 14th May 1914.

24 In the meantime, therefore, the only way of preventing the nuisance lies in the adoption of proceedings under the Cr. Pro. Code

25 It may be noted in this connection that the distillery has been in existence for a long time and has not been the cause of nuisance The Tannery has therefore to be held responsible for it

26 A comparison of the analysis results obtained by the analyses of of the Spent wash from the distillery, of the Tannery effluent & of Canal water

NOTE—Contn sheet

GPB—60,000—7 11 14

G R S 12]

General and Revenue Secretariat

File No. Jud 533 of 1913

Serial No

appears to establish beyond doubt the highly injurious Complexion of the January report.

17) Sub[mitted] for orders

Dr Lee 4/6

28) The proposed ship letter establishment - after January may be dropped, if available funds, they may be called for. Whenever available, who arrived on the Coromandel on which Commissioner travelled further time after January

Jud 3/6

29) The file awaited in the Secretariat 1914-15 Judl 533 of 1913 1920 is put up. It does not contain the papers referred to by the Govt. The Deputy Comm may be requested to send the records relating to the case. Draft is submitted for approval or other orders

V

Jud 1/6

W/ by Dr Lee 21

Jud 13/6

30) Approved

Jud 15/6

31)

NOTE—Contn sheet

GPS—60,000—7 11 13

12-10

G R S 12]

General and Revenue Secretariat

File No. 333 of 1913.

Serial No

5 32) To Depy Comr Bangalore Or } No. 127369 H 6 14

Requests him to send the file of papers relating to the establishment of the tannery & to report the conditions on which permission was granted for the opening of the said tannery

6 33 From the President Mil Council Bangalore city No. 316 3.8 14 (D 1290)

States that nothing has as yet been done to abate the nuisance & requests that necessary remedial measures may be adopted without loss of time

34 The papers called for in St. 5 as detailed in para 2 supra have not yet been received Reminders are being issued. The by-laws are also awaited from Surgy Commr

35. If approved the papers may in the meanwhile be referred to the Secretary Mysore as desired for favour of a note as regards the progress of action taken in the matter by them vide para 4 supra.

36 Subs for orders

Dr 61
12/8/14.

Dr
17/8.

NOTE—Contn sheet

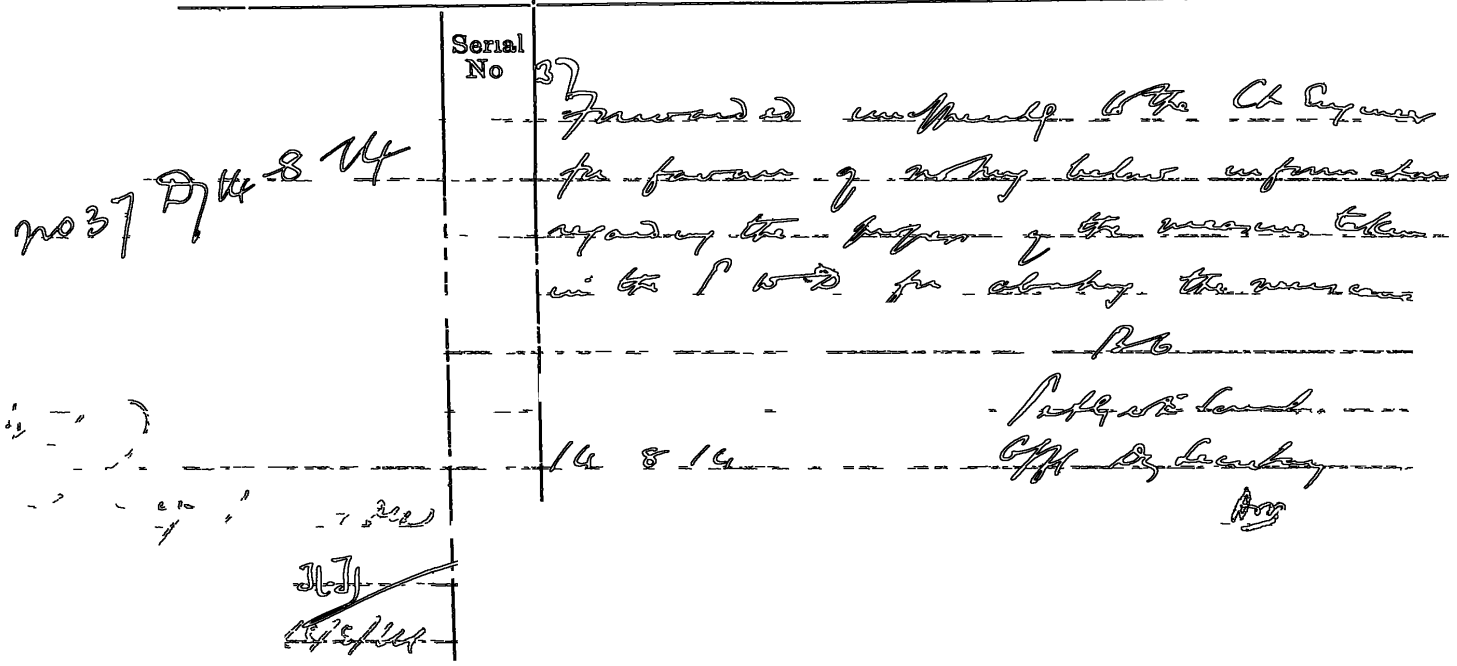
GPB—60 000—7 11 13

G R S 12]

General and Revenue Secretariat

2nd File No. 333 of 1913

Serial No



NOTE—Contn sheet.

GPB—10 000—13-6 14

G R

1579

12

General and Avenue Secretariat | Ind File No 333 of 1918

Serial No 7

From the President Ind Council Bangalore City No 498 1918 14 (D 1579) Forwards a copy of petition from the residents of the Basavangudi extension complaining against the nauseating smell caused by the nuisance from the tannery & requests that early steps may be taken in the matter

2 A D O reminder will be issued on the 25th August 1914 if the papers relating to the establishment of the factory are not received ere then from the City Court

3. The previous papers have been referred unofficially to the Chief Engineer for favr of a note of action taken in the matter of abating the nuisance

4 If approved the paper under disposal maybe similarly forwarded with a request that the papers may be returned early with the note of action & that the Govt may be favored with suggestions for adopting suitable means to abate the nuisance immediately

5 Put up for orders

TLS 61
22/8/14
B.S.

J.H. Lely

Hm
22/8

Please forward the papers

GTE—Contn sheet

GPB—10 000 - 13-6 14

G R S 12]

13

General and Revenue Secretariat | Ind File No 333 of 1913.

Serial No

In continuation of my request to the P W D 6 of 7th inst action has been taken

to

26/8/14

I commanded unofficially to the Chief Engineer for favour of a very early reply as to the action taken till now ~~[illegible]~~

By order

Bodyguard Commandant

Dy Asst Adjt Genl.

26/8/14

Replied vide P W Secretary's memo of 2

NOTE—Contn sheet

GPB—60 000—7 11 13

G R S 12]

General and Revenue Secretariat

File No. 338 of 1913.

Serial No

From Office No. 196/P.W.D. Dated the 20th August 1914

38 The Sanitary Engineer has been instructed to work out the final proposals for abating this nuisance and very early action will be taken to put the work in hand as soon as possible.

Deputy Chief Engineer,
Mysore P.W.D.

Bangalore,
27th August 1914.

39 Submitted
29/8

31/8

40 Please put up a draft accordingly. The P.W.D. Secretariat should be requested once a fortnight with the matter.

31/8/14

41 Draft submitted.
Sanctioned
1.9.14

2/9

NOTE—Contn sheet.

GPB—10,000—13-6 14

G. R. S 12]

General and Revenue Secretariat | 2d File No 333 of 1913

Serial No.	
	42 Issue The P W Secy may be reminded in this case every fortnight until the work is taken up A 3/9/14
8	43 Letter No 2498 Dt 7 9 1914 fr the Presidents Bangalore City Munc. Council States that the subject is engaging the attention of the State P. W. D and that the Chief Engineer reports that the Exn. Engineer has been instructed to work out the final proposals to abate the nuisance
✓	44 Memo No 26909 Dt 7 9 1914 Forwards Copy to Chief Engineer with a request that the matter may be treated as urgent and effective action taken as early as practicable
✓	45 Memo No 2500 Dt 7 9 1914 Forwards copy to Exn Engr for information
9	46 Letter No 1273 dated the 9th Septr 1914 from the Secy. Comr in Mysore Referring to Serial 8, states that it may take Considerable time

NOTE—Contn. sheet

GPB—10 000—13-6 14

R S 12]

1977
2028

16

General and Revenue Secretariat | 26 File No 333 of 1913

Serial No	
	adopting measures for abating the nuisance permanently, and that some should be done immediately for the temporary abatement, and suggests measures in that direction for immediate adoption
46	47 Letter No 76 dated the 9th Septr 1914 from the President, Bangalore City Munl. Council

Referring to serial 8 suggests the desirability of the Sanitary Engineer preparing the final proposals for abating the nuisance in consultation with the City Munl authorities.

48 Sub If approved, the file may be forwarded to the Chief Engineer to O for information and for opinion on the suggestions made by the San? Commr and the Munl President

Noted
12 9 14 Dr Secy

BMS

BMS
12/9

Recd opinion on 1 x 9 BMS

49 Forwarded unofficially to the Ch Engr for favour of opinion on the proposals referred to in paragraphs 46 & 47 above

B G
Secy to Govt
Offg Dy Secy

28/14 9/14

14/9/14

BMS

Revenue sheet

(1) 27 000 28-6-11

R S 121

General and Revenue Secretariat | Jud File No 333 of 1913

Serial No 50

Necessary proposals have already been completed and submitted to Government in the Public Works Department, Vide submission note No D455 dated the 25th October 1914. (Copy attached)

In office No 222/P & D dated the 17th September 1914.

2 The project for the laying of pipes to lead away the refuse water has been formally sanctioned by Government and the work is being started immediately. Meanwhile, it is requested that the Deputy Commissioner be asked to take effective steps, so that the Tannery may make their own arrangements for disposing of their waste water, as proposed by them. The Tannery should not be allowed to throw their refuse water into the nala. If with this restriction they cannot make their own arrangements they should bear their proportionate share of the cost viz Rs 6241/- out of Rs 17,660/- the total of the estimate.

Bangalore, dated 5th Oct 1914

Executive Engineer
Cdda Block Engineer
of Mysore

for flushing so that no extra money need be spent on water required for this purpose.

6. The estimated cost is made up of the following items -

General Abstract A.

	Rs
(1) Laying a 9" pipe sewer with manholes	12,307
(2) Constructing aqueduct at crossing of hallas and low ground	9,117
(3) Minor works	262
Contingencies	1,084
	22,770

7. But Mr.Bhore proposes to build reinforced concrete aqueducts to support the sewer pipe across the valleys. A cheaper proposal would be to use cast iron pipes in these portions as they discharge under pressure. The cost of doing this will be Rs 6,020 against Rs 9,117 item 2 above, for masonry aqueducts alone, excluding that of S.W.pipes in these portions.

Thus the total cost will be reduced to Rs 17,660 as follows -

General Abstract B.

	Rs
(1) Laying a 9" pipe sewer with maholes	10,936
(2) Iron pipe sewers across valleys 1,505 feet at Rs 4 per foot.	6,020
(3) Minor works	262
Contingencies at 5 per cent.	842
	17,660

5. The capital cost may be apportioned between the Mysore Tannery Limited, and the

the Government in the proportion of 7 to 8, which is the ratio of the amount of sewage contributed by each. The Deputy Commissioner was informed of the probable cost of the scheme (Rs 17 660) and requested to write to the Mysore Tannery Limited, with a view to secure a proportionate contribution from them.

He has been corresponding with the Tannery authorities in the matter. But the latter seem to object to pay a proportionate contribution

The Deputy Commissioner accordingly suggests that the Tannery might be left alone for the present and prevented from discharging their refuse into the stream As it is necessary to dispose of this refuse in some way and as it is also not desirable to admit into the stream, the tannery it is hoped will be eventually persuaded to contribute a fair share of the cost of the scheme.

9. No alteration in the size of the pipe is now proposed firstly because a reduction in the diameter to suit the Distillery discharge only will reduce the velocity and secondly such a reduction in the size would make it impossible to lead away the tannery refuse in the same pipe later on when this may become necessary.

10 Under the circumstances, the estimate referred to in paragraph 7 above may be kindly sanctioned early.

(Sd) Karpur Shrinivasrao,
Offg Secretary to Government,
P. W. Department

Bangalore,
27th October 1914.

201

G

an enue
Secretariat

File No 353 of 19/3

Serial No.	
51	Draft submitted Approved 14/11/14 Secy BS 16/11 53 Clean draft of a clean draft Approved 17/11/14 Secy
53	Clean draft submitted Approved 18/11/14 Secy BS
54	Draft may be app 19/11/14 Secy
55	2nd Member Approved may be approved 20/11
56	Draft approved by the Dewan 13/2/15
57	Returned 16/2

2793
23-11-14

about

GPE—50,000—12-8-10

Serial No	
20	58 Letter no 1550 Dy 22.2.1915 to the Dy. Comr, Bangalore Dt. Informs him of the work sanctioned by Govt for carrying off the effluents from the Tannery & the Distillery and the proportion in which the Tannery shd. Contribute in case they wish to be benefitted thereby and requests him to inform the Tannery that they will not be allowed to derive any benefit unless they pay towards the Cost of the work

GPB—50,000— 12-8-10

B M 109]

D 6121

№ 302
Enc 3

OFFICE OF THE PRESIDENT,
MUNICIPAL COUNCIL,
BANGALORE CITY, DATED 18th April 1914

Rl 333-13/5L1

FROM

DEWAN BAHADUR RAJA SABHA BHUSHANA
K P PUTTANNA CHETTY, ESQ,
Honorary President, Municipal Council,
Bangalore City

To

The Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore

SIR,

I have the honor to submit herewith copy of my letter No 2432 dated 16th April 1914 to the Sanitary Commissioner and its enclosures, pertaining to the subject of an intolerable nuisance prevailing in Chamarajendrapet, Shankarpur and adjacent parts of the City, arising from the tannery works along the Mysore Road, for the information of Government and favor of such action as they think fit in the matter

I have the honor to be,
Sir,
Your most obedient servant,
K P Puttanna Chetty
Honorary President

GPE—2,000—20-6-15

191

From

To

Dated

Despatched

Received

General No

No.

Enclosure No

Rec'd 333-13/81

Copy of letter No 2432 dated 16th April 1914 from the Honorary President, Municipal Council, Bangalore City to the Sanitary Commissioner in Mysore, Bangalore

---

In forwarding herewith Health Officer's memo regarding the grave nuisance caused by the very objectionable method of disposal of refuse water from the Mysore Tannery, I have the honor to invite your attention to the importance of the subject and to request that you may be so good as to suggest to Government the necessary remedial measures for enforcement, on the management of that factory The Mysore Tannery and the Government Distillery are both beyond the city limits and the Bangalore District Board, unfortunately, do not seem to have framed bye-laws for the control of offensive trades within their jurisdiction The question, as the Health Officer briefly mentions in his memo, is not merely one of interest to the residents within the Municipality whose health is jeopardised by the evil emanations from these sources, but touches the health and comfort of the ryots who live on the banks of the polluted stream, for several miles beyond Kengeri

2 The nuisance to the inhabitants of Chamarajpet and adjacent parts is one of an intolerable degree The atmosphere becomes poisoned when the wind blows eastwards and the stench is unbearable For the last few days this has assumed serious proportions and it is necessary that something should be done very soon to remove the cause of the nuisance - the works being closed if necessary till arrangements are made for the satisfactory disposal of waste liquids

---

Copy

W M Hammond

Honorary President

Asst

Cu & tul 333-13/81 13

Copy of memo No 1199 dated 11th/16th. April 1914 from the Health Officer Bangalore city to the Hon President City Municipal Council, Bangalore.

The Government Central Distillery is situated near the 5th mile stone, along Mysore Road and has remained in its present location for the last nearly 40 years The quantity of liquid refuse from the factory, known as the spent-wash, has varied from time to time and at the present day, is estimated to be as much as 25,000 gallons during 24 hours. The "spent-wash" is first conveyed through a closed pipe and later in an open drain and finds entry into the Vrishabhavati stream (also called Kengeri Hole') about 2 furlongs from the Distillery, to its south

2 A short distance after the 4th mile stone, along the same road, a tanning industry on a large scale (the Mysore Tannery) was started 5 years ago and forms in more ways than one a conspicuous feature of the country-side From 7,300 to 10,000 gallons of water are used daily for the various processes involved The refuse water was being let into a hollow close by, but after some time, arrangements were made for storing it in a cement-lined open cistern and pumped once a day through a closed pipe into the drain above alluded to as conveying the spent-wash of the Distillery

3. The Vrishabhavati stream is not a perennial one and arising close to Malleswaram, passes by the side of the Distillery and crossing the Mysore Road close by, traverses the plain in a south-westerly direction, always in more or less proximity to the road, till joining the Arkavatni 30 miles from Bangalore near Tumrani village of Khankhanahalli Taluk A marked feature in the part of the country is the absence of trees which rendered it obligatory on the part of the villagers in the neighbourhood, to depend almost entirely on the stream for not only the purpose of cultivation but also of drinking for both men and cattle The most important of these villages is Kengeri, once the Taluk Head quarter and now a union with a population of

4

of 1,789. The length of the village lies parellel with the course of the stream, which is within a stones throw from the former

4 The "Spent-wash" of the Distillery is a thickish fluid, of a dark brown color, acid reaction, and possessing in strong degree the peculiar penetrating odour of semi-sour jaggery It contains considerable proportion of sugar and salts held in solution and a large quantity of organic material held in suspension - derived from the unused portions of Jaggery, bark, potatoe etc The temperature of the effluent as it leaves the Distillery is high, but in the open drain undergoes cooling and at the point where it obtains access to the stream, the physical environments are ideal towards the vast quantity of fluid rapidly undergoing acid fermentation The large amount of fine black silt deposited in the bed of the stream for 13 miles is mostly the decomposing solid contents of the 'Spent-wash' From enquiry it is clear that the 'Spent-wash' rendered the water of the stream brackish, that cultivation on the banks of the stream was still possible, that cattle did not reject the water, that if occassionally human beings used it, no particular ill-effects were noticeable and that there was no worse than the slightly offensive smell of jaggery for about 12 miles along the course of the stream The probability of its having been or likely to become responsible for anything worse, has not been lost sight of, for in 1909, it is said, that the Distillery authorities repeatedly sent specimens of the 'spent-wash' to the Chemical Laboratory for analysis and could seem to have tried to devise some practical plan for utilising the waste for commercial purpose What the Chemical Examiner suggested and why further investigations ceased are unknown Three years back, again, the Chief Engineer would seem to have gone into the question in detail and suggested the pumping of the waste, past the hillock

---

* The writer did not visit beyond this distance
It probably prevails further

5

due south of the Distillery, to the valley beyond that of the Vrasuboavat' stream, where the only place to be fouled was a tank unused for any purpose What action was taken thereon is unknown During the course of the current year, Mr Stafford of the Distillery would seem to have submitted the estimate of a definite scheme, wherein he proposed converting the waste into manure by the instalation of rotatory pans and the feasibility or otherwise of taking action on it, is equally unknown

5 There are a few common bark-tanning pits at the Tannery The processes involved in the special feature of the factory Viz Chrome tanning, may briefly be summarised thus -

(a) Soaking of skins in a clear water for 12 hours
(b) The lime bath or soaking in lime water for about a week
(c) Mechanical removal of hair and adherent flesh
(d) The lactic acid bath for naturalising lime
(e) The alum and salt bath for a week
(f) Soaking in the Chrome alum bath in rotatory drums
(g) The Borax bath to remove free Sulphuric acid liberated after precipitation of chromic oxide in the pores of skins
(h) Softening in an emulsion of soap and oil
(k) Drying.
(l) Ironing, polishing etc.

6. The quantity of tannery refuse, the composition thereof will be found in statement annexed, varies from 7,500 to 10,000 gallons per day The special features are the presence of poisonous metal, of free acids, or a large quantity of putrescent animal matter of sulphur compounds and of vegetable and mineral salts

7 The results of letting into a usually dry water course large quantities of fluid of this nature without undergoing any preliminary purificatory process, might easily have been foretold But in the present instance, however, the effects are atrociously

ob trusive

obnoxious. Close to the road side, the refuse tannery fluids holding large quantities of sulphur gases in solution and the lumps of decomposing flesh in suspension, joins the hot 'Sprat-wash' resulting in the immediate ebullition of enormous quantities of sulphur products Entering the bed of the stream near the 5th, mile the mixture forms a vast pool, which can be compared to nothing so aptly as to a gigantic Laboratory for the production of offensive vapours for the destruction of mankind. During the time the refuse is pumped from the tannery(between 5 and 6 30p.m) the officials and workmen of the Distillery living in the quarters opposite to the Institution are driven to desperation, the liberated gases being carried towards the extensions of Chamarajpet and Shankarpur and past the Victoria Hospital, Police lines, the Fort, Kalasypalyam and Lalbagh, when prevailing winds are blowing north-east The peculiar sick smell is absolutely characteristic and has a profoundly depressing effect upon the system, setting the gastric organs of a large number of people at revolt It was a regular visitant during the evenings of last summer and would seem to have given opportunity for exercising considerable ingenuity on the part of all concerned, in determining its origin The tannery authorities learnt that their products were attracting an undesirable amount of attention and would seem to have been devised the expedient of carrying on their pumping operations sometimes at 9 p m and often times even later If prevailing winds were blowing in certain directions, sleeping men in the Chamarajpet and Shankarpur extensions either woke up or were afflicted with the most frightful nightmares imaginable The results of analysis of the contents of the stream at various points are noted in the statement accompanying Except during heavy rains, the slurrish surface-flow of the evil smelling stuff for over 2½ miles(and probably further), to the sewage farm, is entirely due to the two factories above mentioned All along its course, the stream is no less repulsive, for, as it nears, and passes in close proximity of, villages, rendering the life of the dwellers by the road miserable and the lot of residents of neighbouring villages intolerable

7

intolerable

6 With regard to how far the present arrangement has affected the health and comfort of the rural population in the neighbourhood of the City, ruined gardening on the banks of the stream, polluted available sources of water supply for men and cattle - these circumstances do not fall within the scope of this memo. But its capacity to prove a stupendous nuisance to the residents of City, can easily be established, if necessary, before a competent court of law Whether it is admixture of the Tannery refuse with the spent wash that is responsible for all the nuisances, whether the former is independently liable to be so excessively offensive and what particular method of disposal of the same would be least injurious, are all points which only experts can decide

Requests therefore that the Hon President might be pleased to refer the question to the Sanitary Commissioner for favor of needful recommendations being made to Government

---

Copy

Honorary President

Statement Showing the result Chem. Exd to Wl 333-13/811

No.	Name of Water.	Parts per 1	Total solids	Chlorine	Free Ammonia	Albuminoid Ammonia	Sulphuretted Hydrogen	Alkalinity in Grs $CaCO_3$ per gall
1	Sample of Spent-wash from Distillery		1052 0	80 0	0 850	5 720		
2	Tannery refuse near the Tannery		464 0	250 0	4 0	0 38	4 0	
		In Solution	424 0					
		" Suspension	40 0					
3	refuse at the end of pipe Line		118 0	40 0	0 48	2 35	1 19	
		In Solution	106 0					
		In Suspension	12 0					
4	Sample of water from Ruchabavathi stream $\frac{3}{5}$" furlong stone		1204 0	160 0	1 100	4 200	0 500	
		In Suspension	502 0					
		" Solution	702 0					
5	do $\frac{4}{6}$" furlong stone		355 0	60 0	0 900	4 400	0 500	
		In Suspension	42 0					
		" Solution	313 0					
6	do $\frac{6}{7}$" furlong stone		168 0	58 0	0 850	4 200	0 900	
		In Suspension	24 0					
		Solution	144 0					
7	do $\frac{5}{9}$* furlong Stone		129 0	40 0	0 800	4 000	1 100	
		In Suspension	28 0					
		Solution	101 0					
8	Cruse Sewage farm near Kempambudi Tank, Channarayapatna		74 0	14 8	4 8	1 92	-	26 5
		In Solution	64 0					
		" Suspension	10 0					

* Introduced here for purposes of Comparison with Cruse Sewage

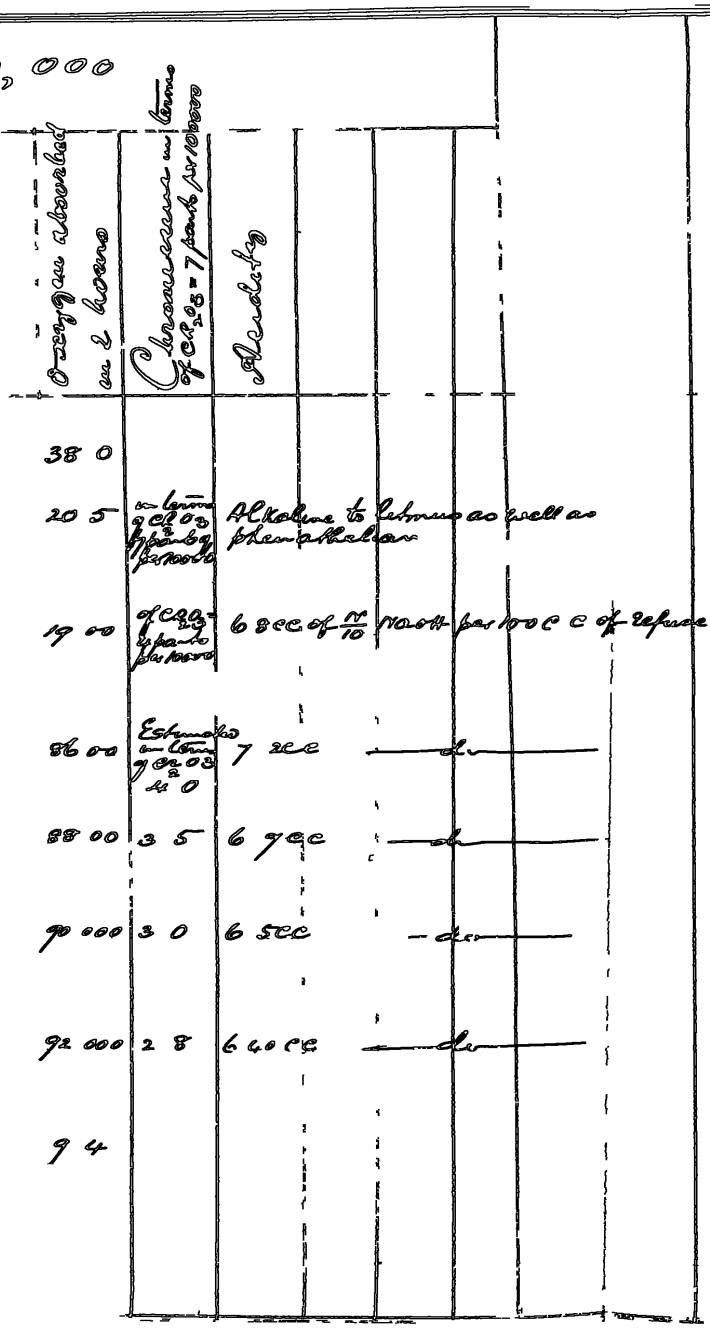
'Copy'

H. M. Hammaya
Hon Secretary

KHC

...al Analyses of the Underground Samples of Water

100,000



Copies

Prof. K. R. Krishnaswami Aiyangar, B.A. B.Sc. F.C.S.
Asst. Chemical Expert & Bacteriologist
to Govt. of Madras

No 4673

D 6305

Office of the Sanitary Commissioner
with the Government of Mysore,
Bangalore dated the 28th April 1914

From

2nd 333-13/812

R a o B a h a d u r
T V Arumugam Mudaliar Esq ,
Sanitary Commissioner with the
Government of His Highness the
Maharaja of Mysore, Bangalore

To

D M Narasinga Rao Esq , B A , B L ,
Offg. Secretary to the Government of
His Highness the Maharaja of Mysore,
General & Revenue Depts , Bangalore

Sir,

In forwarding herewith copy of letter No 2432 dated the 16th April 1914 from the President, City Municipal Council, Bangalore together with its enclosures in original, I have the honor to state that the " spent wash " from the Government Distillery and the liquid refuse of the Mysore Tannery are allowed to conjointly discharge into the Rishabavati stream at a point about two furlongs to the south of the Distillery From a perusal of the statement showing the results of the chemical analysis attached it will be seen that the " refuse " is infinitely worse than the crude sewage of the sewage farm near by The relatively large volume of the discharge affects the water of the stream to such an extent that a sample of water taken at the 5/9th furlong stone, that is nearly 4 miles farther away than the Distillery, shows a larger proportion of solids and gases in solution than the crude sewage referred to It is unnecessary to enter into further details to show that the want of proper arrangements for a satisfactory and

From

The Sanitary Commissioner
in Mysore, Bangalore.

To

The Secretary to Govt.,
Gen. & Rev Depttts.,
B a n g a l o r e

Dated
Despatched } 28 APR 1914
Received

General No 4673
No

Enclosure No

Submitting recommendations in regard to the mitigation of the nuisance caused by the spent wash and refuse of the Government Distillery and the tannery works.

GPB—50 000—25-9-12

and least injurious method of disposal of the refuse constitutes a grave danger to the health and mfort of the rural population who depend for their water supply on the stream

2 As regards the Bangalore City itself, the emanations from the refuse pollute the atmosphere of Chamarajapet, Sankarpur, Fort, Taragupet and Kalasi-palya and are an intolerable nuisance to the residents of these localities

3 Under the circumstances, I beg to recommend that till satisfactory arrangements are made to render the refuse innocuous, the work in the tannery may be stopped In the meantime the bed of the stream should be dug out to a depth of a few feet along its entire length up to say the 13th mile, so that the ensuing rains may effectively wash off the saturated impurities, and render the subsequent water fit for use by men and cattle The spent wash from the distillery ought not to be allowed to run into the stream

I have the honor to be,
Sir,
Your most obedient servant,

Sanitary Commissioner

P H

City Municipal Council,
Health Department,
Bangalore, dated 11th April 1914
16

No 1199

Encl 333-13
822

Memo

Submitted to the Hon President -

The Government Central Distillery is situated near the 5th mile stone, along Mysore Road and has remained in its present location for the last nearly 40 years The quantity of liquid refuse from the Factory, known as the "spent-wash", has varied from time to time and at the present day is estimated to be as much as 25,000 gallons during 24 hours The "spent-wash" is first conveyed through a closed pipe and later in an open drain and finds entry into the Rushabhavathi stream (also called Kengeri Hole') about 2 furlongs from the Distillery, to its south

2 A short distance after the 4th mile stone, along the same road, a tanning industry on the large scale (the Mysore Tannery) was started 5 years ago and forms in more ways than one a conspicuous feature of the country-side From 7,500 to 10,000 gallons of water are used daily for the various processes involved The refuse water was being let into a halla, close by, but after some time, arrangements were made for storing it in a cement-lined open cistern and pumped once a day through a closed pipe, into the drain above alluded to as conveying the spent-wash of the Distillery

3 The Rushabhavathi stream is not a perennial one and arising close to Kaliaswaram, passes by the side of the Distillery and crossing the Mysore road close by, traverses the plain in a south-westerly direction, always in more or less proximity to the road, till joining the Arkavati 35 miles from Bangalore near Jnugani village of Channanhalli Closepet taluk A marked feature in this part of the country is, the absence of tanks which rendered it obligatory on the part of the villagers in the neighbourhood, to depend almost entirely on the stream for not only the supply of

cultivation

cultivation but also of drinking for both men and cattle The most important of these villages is Kengeri, once the Taluk Head quarter and now a union with a population of ~~about~~ 1,789 The length of the village lies parellel with the course of the stream, which is within a stones-throw from the former

4 The "Spent-wash" of the Distillery is a thickish fluid, of a dark brown color, acid reaction, and possessing in strong degree the peculiar penetrating odour of semi-sour jaggery It contains considerable proportion of sugar and salts held in solution and a large quantity of organic material held in suspension - derived from the unused portions of Jaggery, bark, potatoe etc The temperature of the effluent as it leaves the Distillery is high, but in the open drain undergoes cooling and at the point where it obtains access to the stream, the physical environments are ideal towards the vast quantity of fluid rapidly undergoing acid fermentation. The large amount of fine black silt deposited in the bed of the Stream for 13 miles* is mostly the decomposing solid contents of the 'Spent-wash' From enquiry it is clear that the 'spent-wash' rendered the water of the stream brackish, that cultivation on the banks of the stream was still possible, that cattle did not reject the water, that if occasionally human beings used it no particular ill- effects were noticeable and that there was no worse than the slightly offensive smell of Jaggery for about 12 miles along the course of the stream The probability of its having been or likely to become responsible for anything worse, has not been lost sight of for in 1909, it is said, that the Distillery authorities repeatedly sent specimens of the 'Spent-wash' to the Chemical Laboratory for analysis and would seem to have tried to devise some practical plans for utilising the waste for commercial purposes What the Chemical Examiner suggested and on further investigations ceased, are unknown 3 years back, again, the Chief Engineer would seem to have gone into the question in detail and explored the dumping of the waste, at the nullock

* The writer has not visited beyond this distance It probably prevails further

hillock due south of the Distillery, to the valley beyond that of the Rushabhavathi stream, where the only place to be fouled was a tank unused for any purpose What action was taken thereon is unknown During the course of the current year, Mr Stafford of the Distillery would seem to have submitted the estimate of a definite scheme, wherein he proposed converting the waste into manure by the installation of rotatory pans and the feasibility or otherwise of taking action on it, is equally unknown

5. There are a few common bark-tanning pits at the Tannery The processes involved in the special feature of the Factory Viz Chrome-tanning, may briefly be summarised thus -

(a) Soaking of skins in clear water for 12 hours

(b) The lime bath or soaking in lime water for about a week

(c) Mechanical removal of hair and adherent flesh

(d) The lactic acid bath for neutralising lime

(e) The alum and salt bath for a week.

(f) Soaking in the chrome alum bath in rotatory drums.

(g) The borax bath to remove free Sulphuric acid, liberated after precipitation of chromic oxide in the pores of the skins

(h) Softening in an emulsion of soap and oil

(k) Drying

(l) Ironing, polishing etc

6. The quantity of Tannery refuse, the composition whereof will be found in statement Annexed A, varies from 7,500 to 10,000 gallons per day The special features are the presence of poisonous metal, of free acids, of a large quantity of putrescent animal matter of Sulphur compounds and of vegetable and mineral salts

7 The results of letting into a usually dry water-course large quantities of fluid of this nature without undergoing any preliminary purificatory process, might easily have been foretold But in its present instance, however, its effects are atrociously obtrusive

obtrusive Close to the road side the refuse Tannery fluid holding large quantities of Sulphur-gases in solution and lumps of decomposing flesh in suspension, joins the hot 'Spent-wash' resulting in the immediate ebullition of enormous quantities of Sulphur products Entering the bed of the stream near the 5th mile, the mixture forms a vast pool which can be compared to nothing so aptly as a gigantic laboratory for the production of offensive vapours for the destruction of mankind During the time the refuse is pumped from the Tannery(between 5 and 6 30 p m) the officials and workmen of the Distillery living in the quarters opposite to the Institution are driven to desperation, the liberated gases being carried towards the extensions of Chamarajpet and Shankarpur and past the Victoria Hospital, Police-lines, the Fort, Khalasipalyam and the Lalbagh, when prevailing winds are blowing north east The peculiar sick smell is absolutely characteristic and has a profoundly depressing effect upon the system, setting the gastric organs of a large number of people at revolt. It was a regular visitant during the evenings of last summer and would seem to have given opportunity for exercising considerable ingenuity on the part of all concerned, in determining its origin The Tannery authorities learnt that their products were attracting an undesirable amount of attention and would seem to have then devised the expedient of carrying on their pumping operations sometimes at 9 P M and often times even later If prevailing winds were blowing in certain directions, sleeping men in the Chamarajpet and Shankarpur extensions either woke up or were afflicted with the most frightful nightmares imaginable The results of analysis of the contents of the stream at various points are noted in statement A Except during rains the sluggish flow surface-flow of the evil smelling stuff for over 15 miles (and probably farther), fouler than sewage, is the admixed waste from the two factories above mentioned All along its course the same stench is no less sometimes far, sometimes near, depending on the direction of the winds, rendering the life of

traveller

travellers by road miserable and the lot of residents of neighbouring villages intolerable

8 With regard to how far the present arrangement has affected the health and comfort of the rural population in the neighbourhood of the city, ruined gardening on the banks of the stream, polluted available sources of water supply for men and cattle- these circumstances do not fall within the scope of this memo. But its capacity to prove a stupendous nuisance to the residents of the city, can easily be established, if necessary before a competent court of law Whether it is admixture of the Tannery refuse with the 'Spent-wash' that is responsible for all the nuisances, whether the former is independently liable to be so excessively offensive and what particular method of disposal of the same would be least injurious, are all points which only experts can decide

Requests therefore that the Hon President might be pleased to refer the question to the Sanitary Commissioner for favor of needful recommendations being made to Government

Health Officer

Statement Showing the resu

Encl 6 ml 333-12 Mr

Parts per 10,000

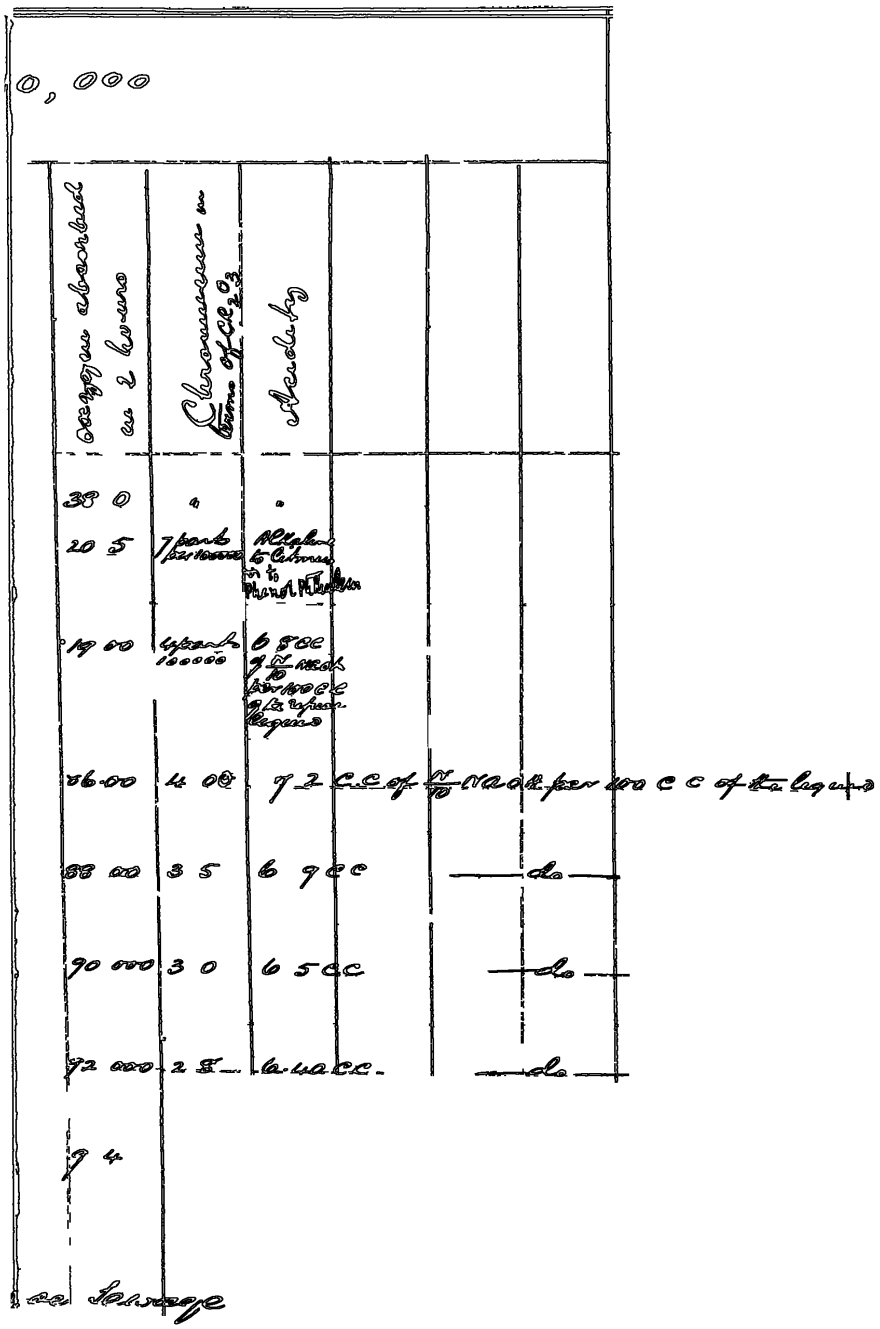
Org.	Grams of Water.	Total Solids.	Chlorine	Free Ammonia	Albuminoid Ammonia	Sulphuretted Hydrogen	Alkalinity in terms of Na_2CO_3
1	Sample of Spent wash from Distillery	1052 0	80 0	0 850	5 720		
2	— do — of Tannery refuse near the Tannery	464 0	250 0	4 0	0 38	4 0	
	In Solution	424 0					
	In Suspension	40 0					
3	— do — — do — at the end of pipe line	118 0 parts per 100000	40 0	0 48	2 35	1 19	
	In Solution	106 0					
	In Suspension	12 0					
4	— do — of water from the Cuchabarate Stream 1/8 th furlong	1204 0	109 0	1 100	4 200	0 500	
	In Suspension	502 0					
	" Solution	702 0					
5	— do — 4/6 th furlong above.	355 0	60 0	0 700	4 400	0 800	
	In Suspension	42 0					
	" Solution	313 0					
6	— do — 6/7 th furlong above	168 0	58 0	0 850	4 200	0 900	
	In Suspension	24 0					
	" Solution	144 0					
7	— do — 5/7 th furlong above	129 0	40 0	0 800	4 000	1 100	
	In Suspension	28 0					
	" Solution	101 0					
8 *	Crude Sewage from Sewage farm near Kampanhaur Chamarajpet	74 0	14 8	4 8	1 92		26 5
	In Suspension	10 0					
	" Solution	64 0					

* Introduced here for purposes of Comparison only

Duncan
Head

13/4/96

of Chemical Analysis of the undermentioned Samples



Oxygen absorbed in 2 hours	Chromium as Cr_2O_3	Ammonia
38 0	4	0
20 5	Trace per million	Nil
19 00	Upto 1 in 100000	6 8 cc
86.00	4 00	7 2 c.c. of N/10 NaOH per 100 c c of the liquid
88 00	3 5	6 9 cc — do —
90 000	3 0	6 5 cc — do —
72 000	2 8	6.4 cc. — do —
9 4		

as Sewage

Opinion

Copies
Sd/ K R Krishnaswami Ayengar M.A., B.Sc. F.C.S.
Asst Chemical Examiner & Bacteriologist
to the Govt. of Mysore

Enclosure

Enclosure to the Secretary Communication letter No 4673 dated the 28th April 1914

Rev Dept 333-13/812 II

Letter No 2432 dated the 16th April 1914
from the President, City Municipal Council, Bangalore
to the Sanitary Commissioner in Mysore

--- O ---

In forwarding herewith Health Officer's memo regarding the grave nuisance caused by the very objectionable method of disposal of refuse water from the Mysore Tannery, I have the honor to invite your attention to the importance of the subject and to request that you may be so good as to suggest to Government the necessary remedial measures for enforcement on the management of that factory The Mysore Tanrery and the Government Distillery are both beyond the city limits and the Bangalore District Board, unfortunately, do not seem to have framed bye-laws for the control of offensive trades within their jurisdiction The question, as the Health Officer briefly mentions in his memo, is not merely one of interest to the residents within the Municipality whose health is jeopardised by the evil emanations from these sources, but touches the health and comfort of the ryots who live on the banks of the polluted stream, for several miles beyond Kengeri

2 The nuisance to the inhabitants of Chamarajapet and adjacent parts is one of an intolerable degree The atmosphere becomes poisoned when the wind blows eastwards and the stench is unbearable For the last few days this has assumed serious proportions and it is necessary that something should be done very soon to remove the cause of the nuisance - the works being closed if necessary till arrangements are made for the satisfactory disposal of waste liquids

"Copy"

P.J.

Sanitary Commissioner

Bye - laws for the improvement of tanneries

G R S 26]

File No 33/13 41/10

Serial No 3

28/4

Diary No of letter replied to 6121

No 11031 ml 333-13-2 dt 4 5 14

General and Revenue Secretariat

(Ex Md

, the 191

To

The Deputy Commr & Presidents of the Dt Bd Bangalore Dt

Sir

In Continuation of this Office docket no 105 14 (S 291-10) : 6 9 dtd 20th April 1914, about the passing of bye-laws for the improvement of tanneries in the Dt

over

Date of issue 6 5 14

Signed by Ina V Ramanathan

SUBJECT

am directed to forward herewith Copies of the marginally noted correspondence on the same subject showing the circumstances felt in the absence of the bye-laws & to request you to be so good as to see that very early action is taken by the Ch Pd in the matter

I have etc

for
Asst Director of Copper Survey

DM61 OS

27/4/14

(1) Letter no. 2432 G dt 16.4.1914 from Superintendent Civil Bangalore City to the Land Customs Engineer.

(2) Memo no. 11999 dt 4.4.1914 of the Health Officer Bangalore City

List of enclosures.

Copied by [illegible]

Examined by [illegible]

GPB—25 000—4-8-13

20

No 345

Office of the President, Municipal Council,
Bangalore City, dated the 26th May 1914.

4

Rl 333-13/8[illegible] D7055

From

Dewan Bahadur Raja Sabha Bhushana
K.P. Puttanna Chetty Esquire,
Honorary President, Municipal Council,
Bangalore City.

The Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore.

Sir,

614 [illegible]

In continuation of my letter No. 302 of 18th April 1914 on the subject of foul smells from the Tannery and Distillery refuse contaminating the atmosphere of the City, I have the honor to bring to the notice of Government that these stenches have become pretty frequent of late since the wind has begun to blow from the South-west. They are experienced daily several times in the day and night and I have received loud complaints from the inhabitants of Chamarajapet and Shankarpur. The smell is peculiarly nauseating and disgusting. I beg that very early steps may be kindly caused to be taken to put a stop to the nuisance.

I have the honor to be
Sir,
Your most obedient servant,

[illegible]
Honorary President.

From

To

Dated

Despatched

Received

General No

No

Enclosure No

GPE 50.CC9—28-2-12

21

G R S 26] 15/6

S X

270/13

File No 333-13

Serial No 45

Diary No of letter replied to 7055

No. 12736 and 333 13-9/16/16

General and Revenue Secretariat

(Trichinopoly)

, the 191

To

The Deputy Commr

Bangalore

Date of issue 16/6/16

Signed by for A. V. Ramanathan

Sir,

I am directed to request you to be so good as to forward for reference, the file of ~~calling for the~~ ~~report~~ papers relating to the establishment of Mysore Lancers on the Intrenched Road and to report the conditions

over

SUBJECT

on which permission was granted for the opening of said mill known as Schmitt

Dated 10/6/14

List of enclosures

Copied by

Examined by

GPB—25 CM—4-3 18

B M 109]

No 36

D 1290
ht 333-13)-6

OFFICE OF THE PRESIDENT,
MUNICIPAL COUNCIL,
BANGALORE CITY, DATED 3rd August 1914

FROM

DEWAN BAHADUR RAJA SABHA BHUSHANA
K P PUTTANNA CHETTY, Esq,
Honorary President, Municipal Council,
Bangalore City

To

The Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore

Sir,

I have the honor to invite your attention to my letter No 302 dated 18th April 1914 and No 345 of 26th May 1914 reporting the grave nuisance to the public accruing from the existing method of disposal of refuse fluids from the Mysore Tannery and to bring to your notice that nothing has thus far been effected towards abating it to any extent

2. The Municipal Council thought that the Tannery being one of the important industrial ventures in the State, it deserved consideration and that opportunity should be accorded for the rectification of the errors in its working and hoped that a peaceful solution of the difficulty was possible. They still entertain the hope that Government will be able to induce the Tannery to adopt the necessary remedial measures without loss of time, as every day means suffering to the public of Chamarajpet, Shankarpur and Basavangudi.

3. If a committee to investigate the question is thought of, I might

GTB—2,000—20-6-16

191

From

To

Dated

Despatched

Received

General No

No.

Enclosure No.

might perhaps be permitted to point out that their labour will be in vain if the Tannery authorities do not bind themselves to act up to their suggestions I might also suggest that such a committee cannot be complete unless the authorities of the Tannery, the Municipal Council, the District Board and the Government Sanitary Department were represented on the committee.

4 I solicit early orders on the subject, as the nuisance is a grievous one and provocative of a good deal of resentment in the minds of a large number of people.

I have the honor to be,

Sir,

Your most obedient servant,

H N Macnaghten

Hon President

D 15725

B M. 109]

No 49
Enc 1

OFFICE OF THE PRESIDENT,
MUNICIPAL COUNCIL,
BANGALORE CITY, DATED 19th April 1917

Rl 333-13/17

FROM

DEWAN BAHADUR RAJA SABHA BHUSHANA
K P PUTTANNA CHETTY, ESQ.,
Honorary President, Municipal Council,
Bangalore City

To

The Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore

In continuation of my letter No. 36 dated the 3rd instant, regarding the grave nuisance to the public accruing from the existing method of disposal of refuse fluids from the Mysore Tannery, I have the honor to forward herewith copy of a petition dated the 11th idem from some of the residents of the Basavangudi Extension complaining of the nauseating smell caused by the nuisance.

2 I beg that early steps may be ordered to be taken.

I have the honor to be
Sir
Your most obedient servant

K P Puttanna Chetty

Honorary President

hcE

GHB-1400-3848

191

From

To

Dated

Despatched

Received

General No.
No

Enclosures No.

Cur Coll 333-1914 Vol 3

13

Copy of petition dated the 11th August 1914 from some of the residents of the Basavangudi Extension to the President, City Municipal Council, Bangalore.

We respectfully beg to bring to your notice that during some nights recently when we had to keep awake till nearly midnight in connection with the thieves-scare we felt that the atmosphere was so surcharged with something very nauseous that it produced in us at the time a belief that night soil or something akin to that had been accumulated somewhere near, but, on examination we found that it was not due to that . Day before yesterday (i,e,9th Sunday) however, when we were sound asleep we were awakened by a sort of choking sensation and on waking up we smelt the same night soil smell again, and we could not sleep for many hours afterwards. Next morning others told us that they had also similar experience. We learnt afterwards that the nasty smell emanated from the Tannery where they were treating hides chemically. If this is a fact, we earnestly beg that the Health Department will kindly take needful steps to prevent the recurrence, in the interests of Public Health.

"C O P Y"

For Honorary President.

Tannery Refuse & Distillery waste.

G R S 26] 5/9

File No 233-13

Serial No 8

Diary No of letter replied to 1579

Sir

No 2498 Mc 27/9/14

General and Revenue Secretariat
(Bombay)
8, the 1. 9 1914

To

The President, Bangalore City Municipal Council

Date of issue 7 9 14

Signed by

Sir,

With reference to correspondence ending with your letter No. Leg Dy dated 19th August 1914 regarding the abatement of nuisance arising from the discharge of the Mysore Tannery refuse and the spent wash of the Distillery, I am directed to state that the subject is engaging the attention of the Estate P W Deptt and the

over

SUBJECT

27/9/14
N 7/9

the Chief Engineer has requested reports that the San. Engineer has been instructed to work out the final proposals to abolish the insurance and that very early return with the drawings for part the necessary work in hand

I have &c

for Engr to Govt
Secy

Memo 2499 of 7/9/14

Copy forwarded to the Chief Engr of Anjore with reference to this No. note No. 96 dated the 20th August 1914. It is requested that the matter may be treated as urgent & opinion taken by wire or post or personal Reply awaited

for Engr to Govt
Secy

Memo 2500 of 7/9/14

Copy forwarded to the San. Engr for information & Reply awaited

for Engr to Govt Secy

List of enclosures,

Copied by

Examined by

GPB—25,000—4-8-18

Department of Public Health in Mysore

OFFICE OF THE SANITARY COMMISSIONER
WITH THE GOVT OF MYSORE

Bangalore, dated the 9th September 1914

No 1273
Enc

Ad 333-13/Sg

D1979

From

Rao Bahadur T V ARUMUGAM MUDALIAR Esq, M B C M,
Sanitary Commissioner with the Government of
H H the Maharaja of Mysore, BANGALORE

To

D.M. Narasinga Rao Esq., B.A , B.L.,
Secretary to the Government of
H H the Maharaja of Mysore, Genl and Rev Deptts,
BANGALORE

Sir,

In acknowledging receipt of your memo No 2500 Munl dated the 7th Instant, I have the honor to state that it may yet take a considerable time for the measures for abating the nuisance in question to assume a definite practical shape In the meanwhile the nuisance continues as usual and complaints regarding it are every day becoming more and more bitter (vide a letter from Dr P S Achyuta Rao appearing in Daily Post of the 5th Instant) It appears to me therefore that something should be done immediately for the <u>temporary</u> abatement of the nuisance To this end I would recommend that a number of excavations of sufficient depth and capacity be made close to one another and the discharge let into one of them at a time, - the excavated earth being used to fill up the excavation again as soon as it is three-quarters full of refuse matter. It would of course be necessary to cover over the excavation during the time the discharge is being let into it so as to prevent possible foul emanations A further precaution would be to put in a sufficient fresh earth

Department of Public Health in Mysore

From

THE SANITARY COMMISSIONER
IN MYSORE, BANGALORE

To

THE SECRETARY TO GOVT,
GEN & REV DEPTTS
BANGALORE

Dated

Despatched

Received

General No 1273
No

Enclosure No

SUBJECT

Regarding the measures to be adopted for the temporary abatement of the nuisance connected with the Tanneries and the Distillery

earth before each day's refuse is allowed to discharge itself into the excavation. No danger from percolation need be apprehended there being no wells that I know of in the neighbourhood.

I have the honor to be,
Sir,
Your most obedient servant,

J. Yeomans

Sanitary Commissioner.

P.H.

31

ml 333-13/8/6

B M 109]

No 76

OFFICE OF THE PRESIDENT,
MUNICIPAL COUNCIL,
BANGALORE CITY, DATED 9th September 1914.

B 2018

FROM

DEWAN BAHADUR RAJA SABHA BHUSHANA
K P PUTTANNA CHETTY, ESQ,
Honorary President, Municipal Council,
Bangalore City

To

The Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore

SIR,

S I have the honor to acknowledge receipt of your letter No. 2498/M1. 333-13-8 of the 7th instant and to suggest that the Sanitary Engineer be instructed to prepare the final proposals in consultation with the City Municipal Authorities, who will gladly cooperate with him

I have the honor to be
Sir,
Your most obedient servant,

K P Puttanna Chetty

Honorary President.

GTD-2-30-3-1

191

From

To

Dated

Despatched

Received

General No.

No.

Enclosure No.

Nuisance
Distillery ...

File No 333-13
Serial No 20

Dist. No of

No 6500
ml 333-13-20
9.12.15

To

The Dy. Com^r, Bangalore D^t

Sir,

Referring to the Complaint of the public of Bangalore about the nuisance arising from the Tannery and Destillery effluents, I am directed to state that the Chief Engineer has since reported that a project for the laying of pipes to lead away the refuse water from the Destillery

over

SUBJECT

Chl 18/9/15

has been finally sanctioned by Govt in the P. W. Deptt for Rs 17,660/- and that the work is being started immediately

2) The Chief Engineer also reports that the share of the Cost to be charged to the Drainage January 1st, on account of the work has to be fixed in the ratio of 7 to 8 according to the sewage Contributed respectively by them and by the Distillery and that he is in Correspondence with you as regards the recovery of the amount. The amount is at present roughly stated to be Rs 8241 1/3.

3) I am to request you therefore to inform the Tannery Company / them that they will not be allowed to derive any benefit from the work now undertaken unless they pay their share of the work and also to take steps

4

List of enclosures

Copied by

Examined by

GPB—25 000—4 8-18

G R S 27]

GENERAL AND REVENUE SECRETARIAT

(Continuation sheet draft form)

to prevent them from due
their return waters into the
rivers hereafter and to
adopt the necessary
against Contamination of
any kind from the Tannery
I have de